

### Anti-TPPP antibody [EPR3315] - BSA and Azide free ab247949

リコンビナント **RabMAb**

画像数 4

#### 製品の概要

製品名	Anti-TPPP antibody [EPR3315] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR3315] to TPPP - BSA and Azide free
由来種	Rabbit
アプリケーション	<p><b>適用あり:</b> WB, IHC-P</p> <p><b>適用なし:</b> Flow Cyt or ICC/IF</p>
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab247949 is the carrier-free version of <a href="#">ab119987</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR3315
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab247949の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

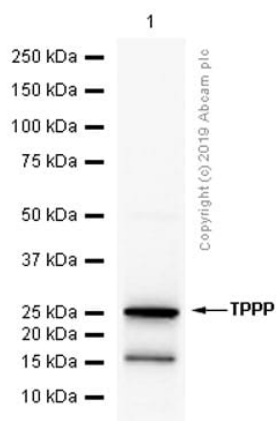
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 23 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degree C, below boiling, and then let cool for 10-20 min.

**追加情報**      Is unsuitable for Flow Cyt or ICC/IF.

## ターゲット情報

機能	May play a role in the polymerization of tubulin into microtubules, microtubule bundling and the stabilization of existing microtubules, thus maintaining the integrity of the microtubule network. May play a role in mitotic spindle assembly and nuclear envelope breakdown.
組織特異性	Widely expressed.
配列類似性	Belongs to the TPPP family.
翻訳後修飾	Poor substrate for GSK3 (By similarity). Phosphorylated by LIMK1 on serine residues. Phosphorylation may alter the tubulin polymerization activity.
細胞内局在	Cytoplasm. Cytoplasm, cytoskeleton. Nucleus. Localizes to glial Lewy bodies in the brains of individuals with synucleinopathies.

## 画像



Western blot - Anti-TPPP antibody [EPR3315] - BSA and Azide free (ab247949)

Anti-TPPP antibody [EPR3315] ([ab119987](#)) at 1/1000 dilution (Purified) + Human brain lysate at 15 µg

### Secondary

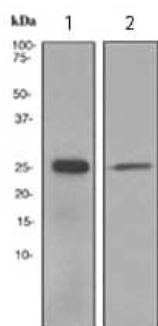
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 23 kDa

**Observed band size:** 25 kDa

This data was developed using [ab119987](#), the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDM/TBST.



Western blot - Anti-TPPP antibody [EPR3315] - BSA and Azide free (ab247949)

**All lanes :** Anti-TPPP antibody [EPR3315] ([ab119987](#)) at 1/1000 dilution

**Lane 1 :** Human fetal brain lysate

**Lane 2 :** SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

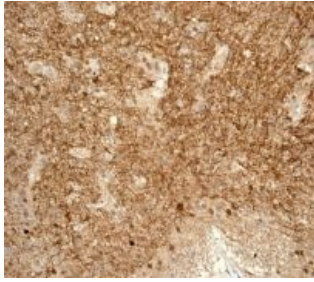
### Secondary

**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 23 kDa

This data was developed using [ab119987](#), the same antibody clone in a different buffer formulation.

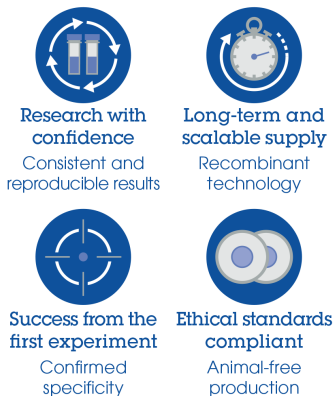
The cell lysates were prepared in 1% SDS Hot lysis method.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPPP antibody [EPR3315] - BSA and Azide free (ab247949)

This data was developed using [ab119987](#), the same antibody clone in a different buffer formulation. [ab119987](#) at 1/100 dilution staining TPPP in Paraffin-embedded Human astrocytoma tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

### Why choose a recombinant antibody?



Anti-TPPP antibody [EPR3315] - BSA and Azide free (ab247949)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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